

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:

Marcel Boucher, et al.

Art Group: 3672

Examiner: Frank Tsay

Serial No.: 10/709,108

Filed: April 14, 2004

Docket No.: 78.1178

**For: On-bit, Analog Multiplexer for
Transmission of Multi-Channel
Drilling Information**

VIA ELECTRONIC SUBMISSION

July 26, 2006

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Dear Sir:

This paper is timely submitted in response to the Patent and Trademark Office Action mailed March 27, 2006 for which the shortened-statutory period for response *plus a one month extension for time* is set to expire July 27, 2006. Reconsideration of the application in view of the following amendments and remarks is respectfully requested.